

PUBLIC HEALTH DEPARTMENT[641]

Notice of Intended Action

Twenty-five interested persons, a governmental subdivision, an agency or association of 25 or more persons may demand an oral presentation hereon as provided in Iowa Code section 17A.4(1)“b.”

Notice is also given to the public that the Administrative Rules Review Committee may, on its own motion or on written request by any individual or group, review this proposed action under section 17A.8(6) at a regular or special meeting where the public or interested persons may be heard.

Pursuant to the authority of Iowa Code section 105.4, the Plumbing and Mechanical Systems Board of the Department of Public Health hereby gives Notice of Intended Action to amend Chapter 25, “State Plumbing Code,” Iowa Administrative Code.

The proposed amendments update the state plumbing code from the 2012 edition of the Uniform Plumbing Code (UPC) to the 2015 edition of the Uniform Plumbing Code as required by the Iowa Code to adopt the most current version. The Plumbing and Mechanical Systems Board proposes to keep all existing amendments to the Uniform Plumbing Code as well as to adopt additional amendments to the 2015 UPC.

Any interested person may make written suggestions or comments on these proposed amendments on or before January 12, 2016. Written materials should be directed to Jennifer Hart, Plumbing and Mechanical Systems Board, 321 E. 12th Street, Des Moines, Iowa 50319-0075; fax (515)281-6114; e-mail jennifer.hart@idph.iowa.gov.

Also, there will be a public hearing on January 12, 2016, at 10 a.m. in Conference Room 517, Lucas State Office Building, 321 E. 12th Street, Des Moines, Iowa, at which time persons may present their views either orally or in writing. At the hearing, persons will be asked to give their names and addresses for the record and to confine their remarks to the subject of the amendments.

These rules are subject to waiver under the Board’s general waiver provisions contained in 641—Chapter 31.

After analysis and review of this rule making, no impact on jobs has been found.

These amendments are intended to implement Iowa Code section 105.4.

The following amendments are proposed.

ITEM 1. Amend rule 641—25.1(105) as follows:

641—25.1(105) Adoption. Section 101 and Chapters 2 to 17 of the Uniform Plumbing Code, ~~2012~~ 2015 Edition, as published by the International Association of Plumbing and Mechanical Officials, 4755 E. Philadelphia Street, Ontario, California 91761-2816, are hereby adopted by reference with amendments as the state plumbing code authorized by Iowa Code section 105.4 ~~as amended by 2013 Iowa Acts, Senate File 427, section 5.~~ Portions of this chapter reproduce excerpts from the ~~2012~~ 2015 International Plumbing Code, International Code Council, Inc., Washington, D.C. Such excerpts are reproduced with permission, all rights reserved.

ITEM 2. Amend rule 641—25.3(105) as follows:

641—25.3(105) Fuel gas piping. Fuel gas piping shall comply with the requirements of Chapter 12 of the Uniform Plumbing Code, ~~2012~~ 2015 Edition, unless the provisions conflict with 661—Chapter 226, Liquefied Petroleum Gas, Iowa Administrative Code. Where Chapter 12 conflicts with 661—Chapter 226, the provisions of 661—Chapter 226 shall be followed.

ITEM 3. Amend subrule 25.4(2) as follows:

25.4(2) The following ~~amendment~~ amendments shall apply to UPC Chapter 3:

a. Subsection 301.4.1 Permit Application. Delete the subsection.

b. Subsection 314.4.1 Installation of Thermoplastic Pipe and Fittings. Trench width for thermoplastic pipe shall be limited to six times the outside diameter of the piping at the base.

Thermoplastic piping shall be bedded in not less than 4 inches (102 mm) of aggregate bedding material supporting the pipe. Initial backfill shall encompass the pipe. Aggregate material shall be three-eighths (3/8) inch p-gravel or 1-inch clean class one bedding.

ITEM 4. Reletter paragraphs **25.4(3)“a”** to **“e”** as **25.4(3)“g”** to **“k.”**

ITEM 5. Adopt the following **new** paragraphs **25.4(3)“a”** to **“f”**:

a. Section 407.3 Limitation of Hot Water Temperature for Public Lavatories. Modify the section by adding the following sentence to the end of the section: “These devices shall be installed at or as close as possible to the point of use.”

b. Section 408.4 Waste Outlet. Modify the section by adding the following exception to the end of the section: “Exception: In a residential dwelling unit where a 2-inch waste is not readily available and approval of the Authority Having Jurisdiction has been granted, the waste outlet, fixture tailpiece, trap and trap arm may be 1½ inch when an existing tub is being replaced by a shower sized per Section 408.6(2). This exception only applies where one shower head rated at 2.5 gpm is installed.”

c. Section 409.4 Limitation of Hot Water in Bathtubs and Whirlpool Bathtubs. Modify the section by adding the following sentence to the end of the section: “These devices shall be installed at or as close as possible to the point of use.”

d. Section 410.3 Limitation of Water Temperature in Bidets. Modify the section by adding the following sentence to the end of the section: “These devices shall be installed at or as close as possible to the point of use.”

e. Section 416.5 Drain. Modify the section by deleting the last sentence, which states: “Where a drain is provided, the discharge shall be in accordance with Section 811.0.”

f. Section 418.3 Location of Floor Drains. Modify the section by adding the following to the end of the section: “(5) Rooms equipped with a water heater.”

ITEM 6. Amend relettered paragraph **25.4(3)“g”** as follows:

g. Subsection 421.1 General. Modify the subsection by deleting “Table 1401.1 of this code” and inserting the following in lieu thereof: “Chapter 11 of the ~~2012~~ 2015 International Building Code.”

ITEM 7. Amend relettered paragraph **25.4(3)“j,”** Table 422.1, by striking “2012” in the heading and endnote and inserting “2015” in lieu thereof.

ITEM 8. Amend relettered paragraph **25.4(3)“k”** as follows:

k. Insert the following text at the end of Chapter 4, reprinted with permission from the ~~2012~~ 2015 International Plumbing Code:

“422.6 Pay Facilities. Where pay facilities are installed and permissible under Iowa law, such facilities shall be in excess of the required minimum facilities. Required facilities shall be free of charge. (Reprinted from IPC 403.3.5)

“422.7 Substitution for Water Closets. In each bathroom or toilet room, urinals shall not be substituted for more than 67 percent of the required water closets in assembly and educational occupancies. Urinals shall not be substituted for more than 50 percent of the required water closets in all other occupancies. (Reprinted from IPC 419.2)”

ITEM 9. Renumber subrules **25.4(5)** to **25.4(13)** as **25.4(6)** to **25.4(14)**.

ITEM 10. Adopt the following **new** subrule 25.4(5):

25.4(5) The following amendments shall apply to UPC Chapter 6:

a. Section 603.4.8 Drain Lines. Modify the section by adding the following language to the end of the section: “or in accordance with the manufacturer’s drain-sizing chart for installation.”

b. Section 609.11 Pipe Insulation. Delete sections 609.11 through 609.11.2 and insert the following in lieu thereof:

Section 609.11 Pipe Insulation. Insulation of domestic hot water piping shall be in accordance with the applicable energy conservation code.

c. Section 611.4 Sizing of Residential Softeners. Modify the section by adding the following to the end of the last sentence in the section: “or as specified in the manufacturer’s installation instructions.”

d. Section 612 Residential Fire Sprinkler Systems. Delete sections 612.0 through 612.7.2.

ITEM 11. Amend renumbered subrules 25.4(8) and 25.4(9) as follows:

25.4(8) The following amendment shall apply to UPC Chapter 9:

a. Section 906.7 Frost or Snow Closure. Modify the section by deleting “two (2) inches (50.8 mm)” in the first sentence and inserting “three (3) inches (76.2 mm)” in lieu thereof.

b. Section 908.2.2 Size. Delete the second sentence in this section and insert the following new sentence in lieu thereof: “The wet vent shall be not less than 2 inches (50 mm) in diameter for 6 drainage fixture units (dfu) or less, and not less than 3 inches (80 mm) in diameter for 7 dfu or more.”

25.4(9) The following amendment shall apply to UPC Chapter 10:

a. Table 1002.2 Horizontal Lengths of Trap Arms. Delete the table and insert the following table in lieu thereof:

TABLE 1002.2
Horizontal Lengths of Trap Arms
(Except for Water Closets and Similar Features)^{1,2}

Trap Arm Diameter (inches)	Distance Trap to Vent Minimum (inches)	Length Maximum (feet)
1¼	2½	5
1½	3	6
2	4	8
3	6	12
4	8	12
Exceeding 4	2 × Diameter	12

For SI units: 1 inch = 25.4 mm

Notes:

¹Maintain ¼ inch per foot slope (20.8 mm/m).

²The developed length between the trap of a water closet or similar fixture (measured from the top of the closet flange to the inner edge of the vent) and its vent shall not exceed 6 feet (1829 mm).

b. Section 1014.1.3 Food Waste Disposers and Dishwashers. Modify the section by deleting the second sentence and inserting the following in lieu thereof: “Commercial food waste disposers shall discharge into the building’s drainage system in accordance with the requirements of the Authority Having Jurisdiction.”